Oilite[®] Synthetic PERFORMANCE DIFFERENCE®

SOFM0508-10

Super Oilite® M-Series Metric

Flange

Iron-Based Sintered Product Impregnated with Extreme Pressure Synthetic AM3-SPD[™]. Higher Load, Slower Speed Designs Economic Alternative Material.

Temp Range -26°C to +149°C



Dimensions & Tolerances

Dimensions & Tolerances	
Nominal ID: 5	5 mm
ID Max: 5	5.025 mm
ID Min: 5	5 mm
Nominal OD: 8	3 mm
OD Max: 8	3.045 mm
OD Min: 8	3.02 mm
Length: 1	0 mm ±0.25
Flange OD: 1	1 mm ±0.25
Flange Thickness: 1	.5 mm ±0.125
Weight: 0	0.005 lbs / 2.3 g
Press Fit	
Housing Bore: 7	7.98268 mm ±0.013
Shaft Diameter: 4	1.9093 mm ±0.005
Temperature	
Max Temp F / C: 3	300 / 149
Min Temp F / C: -	15 / -26
Pressure Ratings	
Max P: 2	27.56 (N/mm ²)
Max V: 1	.14 (m/s)
Max PV: 1	.225 (N-M/mm ² -s)
Calculated P: 0) (N/mm ²)
Calculated V: 0) (m/s)
Calculated PV: 0) (N-M/mm ² -s)
Material Specifications	
Lubrication: S	Self-Lubricating
Regulations: L	
-	Conflict Free
	RoHS Certified Reach Certified
Engineering Preferences: C	
Specifications Met: S	-
	ASTM B-439 GR 4
F	FC-2000-K30

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